

## Message Text

UNCLASSIFIED

PAGE 01 THE HA 03250 240518Z  
ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 FEA-01 ACDA-10 CIAE-00  
INR-07 IO-14 L-03 NSAE-00 NSC-05 EB-07 NRC-07  
DODE-00 SS-15 SP-02 /091 W  
-----069475 240621Z /23

R 231451Z JUN 77  
FM AMEMBASSY THE HAGUE  
TO SECSTATE WASHDC 723  
INFO USERDA WASHDC  
USERDA GERMANTOWN  
AMEMBASSY BRUSSELS

UNCLAS THE HAGUE 3250

E.O. 11652: N/A  
TAGS: ENRG, NL  
SUBJ: DUTCH INSTALL FIRST EXPERIMENTAL WIND TURBINE

REF: A) 76 THE HAGUE 6154: B) THE HAGUE A-25

1. WITH THE INSTALLATION LAST WEEK OF THE FIRST DUTCH EXPERIMENTAL WIND TURBINE, ECONOMICS MINISTER LUBBERS CLOSED THE FIRST STAGE OF A FIVE YEAR NATIONAL WIND ENERGY PROGRAM WITHIN THE IEA FRAMEWORK (REF. A). THE 16-FOOT DIAMETER DARRIEUS TYPE WIND TURBINE, CONSTRUCTED BY DUTCH AIRCRAFT MANUFACTURER FOKKER/VFW, WILL PRIMARILY BE USED TO COLLECT INFORMATION FOR FUTURE INDUSTRIAL APPLICATION OF WIND TURBINES FOR POWER GENERATION. TO COVER THE PROGRAM'S NEXT STAGE, LUBBERS HAS ALLOCATED 8.5 MILLION GUILDERS (ONE DOLLAR NOW EQUALS 2.49 GUILDERS) OR CLOSE TO 2.4 PERCENT OF THE TOTAL DUTCH 1977 ENERGY RESEARCH BUDGET (REF B).

2. IF RESULTS OBTAINED WITH THE FOKKER WIND TURBINE ARE POSITIVE, THE COMPANY INTENDS TO CONSTRUCT AN 80 FOOT DIAMETER WIND TURBINE IN 1979-1980 TO BE FOLLOWED BY A 164-FOOT WIND TURBINE WITH AN ELECTRICITY-GENERATING CAPACITY OF 1 MW.  
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ACCORDING TO A SPOKESMAN OF THE UMBRELLA RESEARCH ORGANIZATION ENERGIE CENTRUM NEDERLAND (ECN), CLOSE TO 1250 WIND TURBINES WOULD BE NEEDED TO REPLACE ONE MEDIUM SIZE 500 MW POWER PLANT. LUBBERS UNDERLINED LARGE ENVIRONMENTAL PROBLEMS CREATED BY THE MASSIVE USE OF WIND TURBINES ALONG HOLLANDS WINDY COASTS.  
MCSLOSKEY

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NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** RESEARCH, ENERGY, METEOROLOGY, ESTABLISHMENT OF OFFICES, PROGRAMS (PROJECTS)  
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**Copy:** SINGLE  
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**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
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**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Expiration:**  
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**Original Classification:** UNCLASSIFIED  
**Original Handling Restrictions:** n/a  
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**Previous Handling Restrictions:** n/a  
**Reference:** 76 THE HAGUE 6154, 77 THE HAGUE A-25  
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**Status:** NATIVE  
**Subject:** DUTCH INSTALL FIRST EXPERIMENTAL WIND TURBINE  
**TAGS:** ENRG, NL, NETHERLANDS ENERGY CENTER  
**To:** STATE  
**Type:** TE  
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**Review Markings:**  
Margaret P. Grafeld  
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